## **EAST Search History**

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L10	14	("2939952" "4540884" "4736101" "47 61545" "5134286" "5206506" "562918 6").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 19:13
L9	39	"5206506"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 19:13
L8	4	(quadrupol\$3 and dipol\$3 and ((rectangular or square) adj wave\$1)). clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 19:13
L7	0	(quadrupol43 and dipol\$3 and ((rectangular or square) adj wave\$1)). clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 19:13
L6	2	("3920985"   "5248882 <sup>"</sup> ).PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 19:13
L5	382	digital and quadrupole and dipol\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 19:13
L4	57	L3 and quadrupole and dipol\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 19:13
L3	75756	(rectangular or square) adj wave	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 19:13

## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L21	1	(digital and signal and switch and varying and quadrupole and resonant).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 19:21
L20	956	250/292	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 19:13
L19	35	(quadrupol\$3 same ((rectangular or square) adj wave\$1))	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 19:13
L18	265	(quadrupol\$3 and ((rectangular or square) adj wave\$1))	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 19:13
L17	0	(quadrupol43 and ((rectangular or square) adj wave\$1)).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 19:13
L16	28	L14 and quadrupol\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 19:13
L15	20280	L14 quadrupol\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 19:13
L14	8023	L12 L13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 19:13
L13	610	nuttall.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 19:13
L12	7414	ding.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 19:13
L11	0	"ding.in.",	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 19:13